

Form PTO-1449 (Modified)

FORM PTO-1449	ATTY. DOCKET NO. CU-4618	SERIAL NO. 10/562,953
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT Stefan G. PIERZYNOWSKI et al	
(17 CFR 1.98(b))	FILING DATE December 30, 2005	GROUP 1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT DOCUMENT	ISSUE/PUB DATE	PATENTEE	CLASS	SUB- CLASS	FILING DATE
	5,124,314	06/23/92	Cooper			
	5,175,145	12/29/92	Cooper			
	5,234,906	08/10/93	Young et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAMINER INITIAL	DOCUMENT NUMBER	PUBL. DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB- CLASS	TRANSLATION YES NO
	WO9310146	05/27/93	PCT			
	EP 0922459	06/16/99	EPO			

OTHER DOCUMENTS (Including Author, Title, Date, Place of publication)

Windmueller, H.G., & Spaeth, A.E. (1975) Intestinal metabolism of glutamine and glutamate from the lumen as compared to glutamine from blood. Arch. Biochem. Biophys. 171: 662-672.
Stoll, B., Burrin, D.G., Henry, J., Hung, Y., Jahoor, F., & Reeds, P.J. (1999) Substrate oxidation by the portal drained viscera of fed piglets. Am. J. Physiol. 277: E168-E175.
Matthews, D.E., Marano, M.A., & Campbell, R.G. (1993) Splanchnic bed utilization of glutamine and glutamic acid in humans. Am. J. Physiol. 264: E848-E854.
Madej, M., Lundh, T. & Lindberg, J.E. (1999) Activities of enzymes involved in glutamine metabolism in connection with energy production in the gastrointestinal tract epithelium of newborn, suckling and weaned piglets. Biol. Neonate 75: 250-258.
Suryawan, A., Hawes, J.W., Harris, R.A., Shimomura, Y., Jenkins, A.E., & Hutsun, S.M. (1998) A molecular model of human branched-chain amino acid metabolism. Am. Clin. J. Nutr. 68: 72-81.
Lambert, B.D., Stoll, B., Niinikoski, H., Pierzynowski, S., & Burrin, D.G. (2002) Net portal absorption of enterally fed alpha-ketoglutarate is limited in young pigs. J. Nutr. 132: 3383-3386.
Kristensen, N.B., Jungvid, H., Fernandez, J.A., & Pierzynowski, S.G. (2002) Absorption and metabolism of L-ketoglutarate in growing pigs. J. Anim. Physiol. A. Anim. Nutr. 86: 239-245.
Bergmeyer, H.U., & Bernt, E. (1974) 2-oxoglutarate. UV spectrophotometric determination. In: Methods of enzymatic analysis, 2nd Ed. (Bergmeyer, H.U., ed). Academic Press, New York, NY.
Pajor, A.M. (1999) Sodium-coupled transporters for krebs cycle intermediates. Annu. Rev. Physiol. 61: 663-682.
Murphy, J.M., Murch, J.M., and Ball, R.O. (1996) Proline is synthesized from glutamate during intragastric infusion but not during intravenous infusion in neonatal piglets. J. Nutr. 126: 878-886.
Riedel, Eberhard. (1996) L-Ketoglutarate Application in Hemodialysis Patients Improves Amino Acid Metabolism. Nephron 74: 261-265.

(Form PTO-1449)

/Nelson Blakely III/

01/14/2009